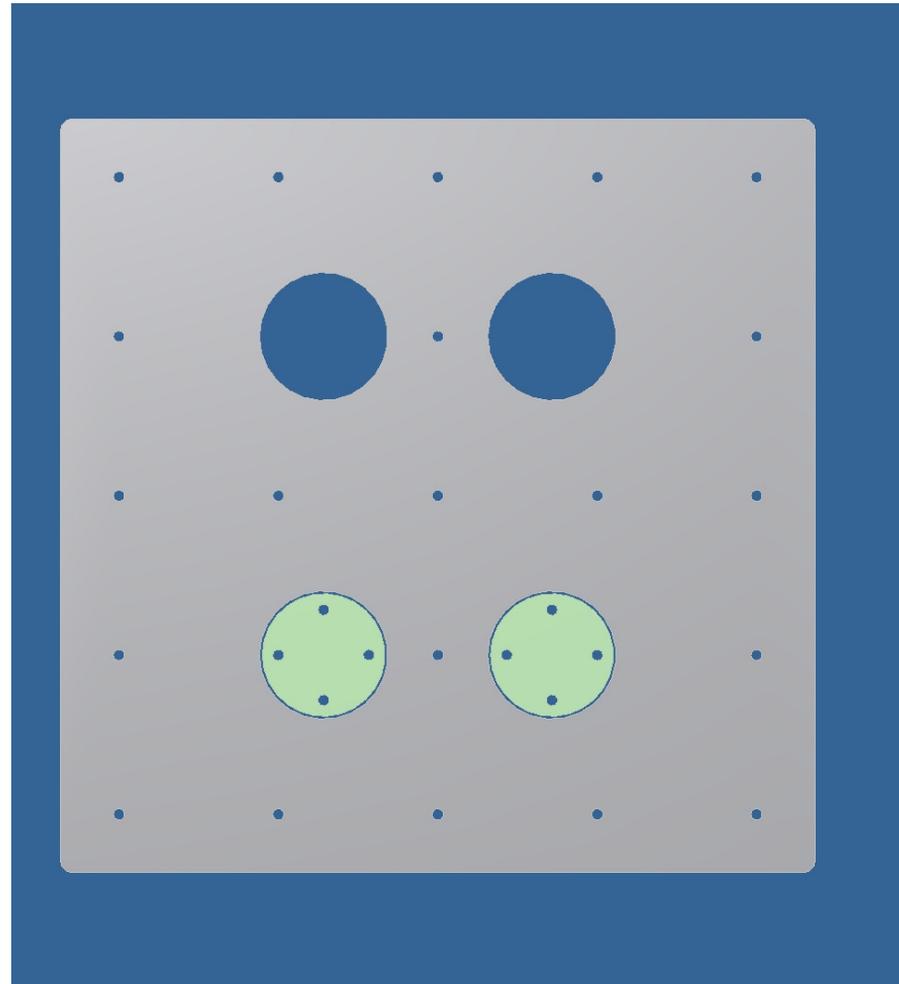


Plans for near future: Mock tile assembly

Dean Walters
Argonne National Laboratory

Mock Tile Assembly

- MCP Sandwich
 - MCPs
 - ALD Funtionalization
 - Collars & Pins
 - ALD
 - Grids
 - ALD
- Lower Body
 - Anode Plate
 - Side-wall
 - Frit Joint
- Top Plate
 - Simple Photocathode
 - Outer Border
- Top Seal



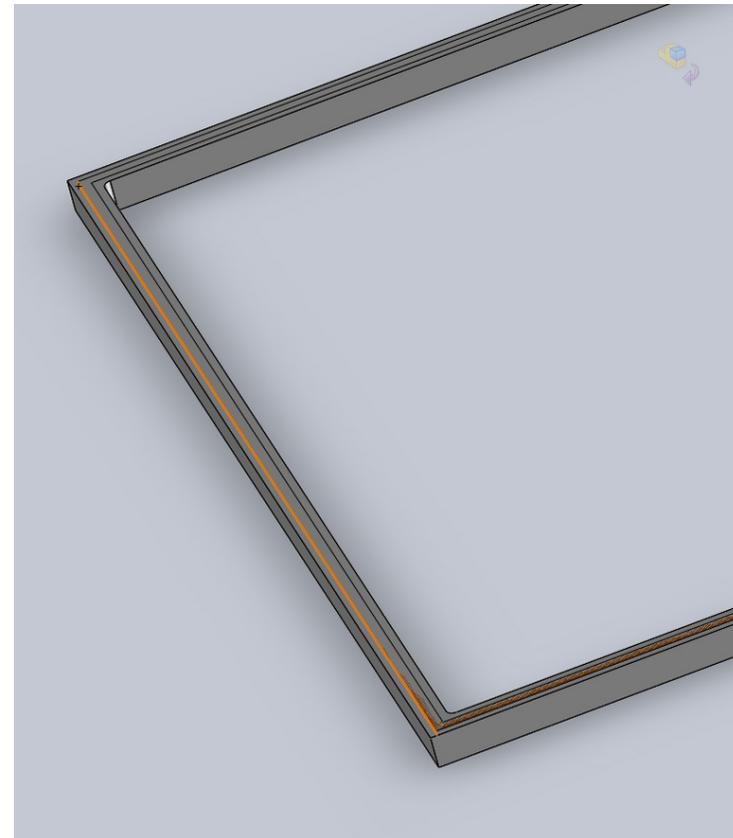
By R. Northrop



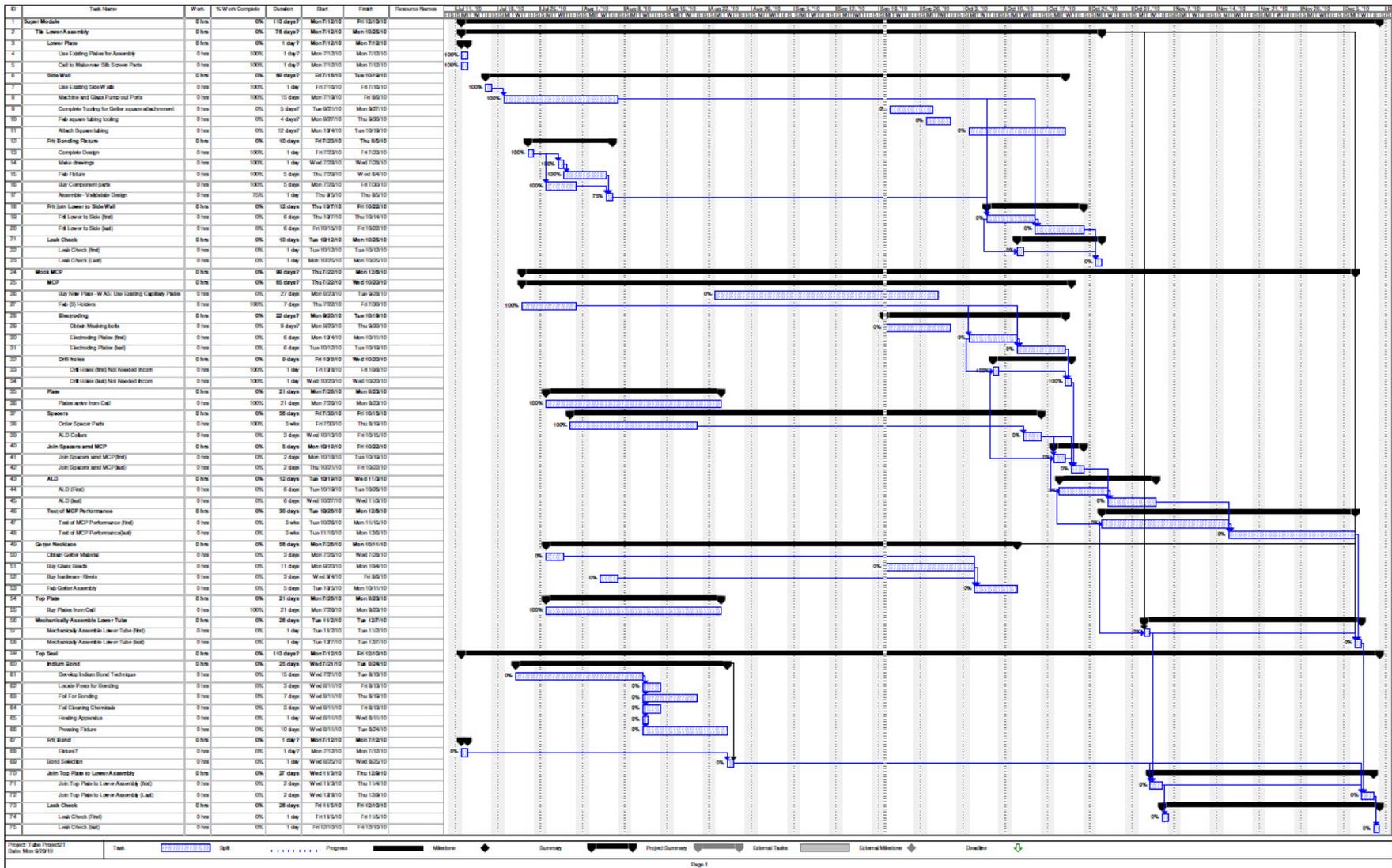
Lower Body Assembly

- Bonding the Lower Side-wall
 - Frit seal between anode to side-wall
 - Continue the effort to make a repeatable leak tight joint.

- Top Face of Side-wall
 - Plain Glass for constructing top frit seal
 - Coatings for indium top seal
 - Thick film coating of silver
 - Thin film coating of nichrome



Breakdown of Mock Tile Construction

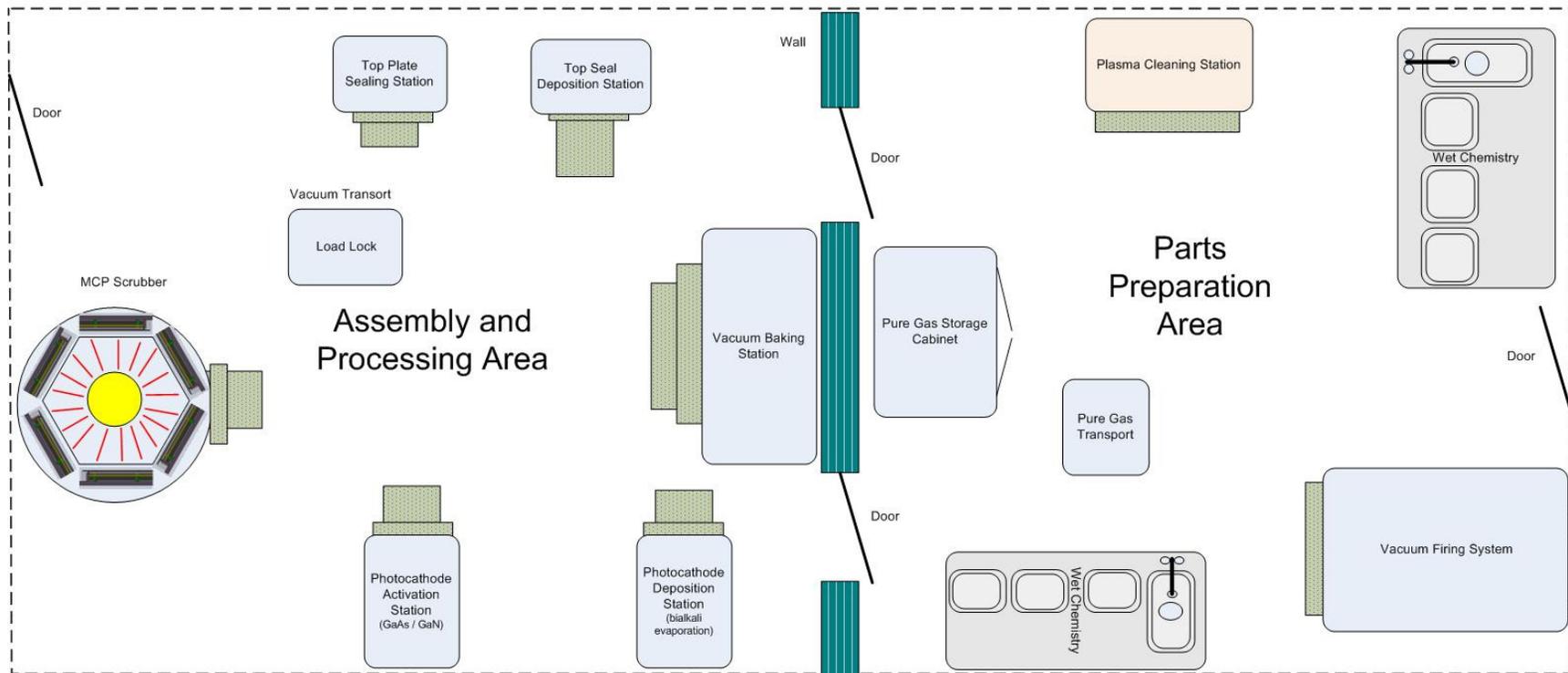


D. Walters drw@anl.gov

What are the next steps?

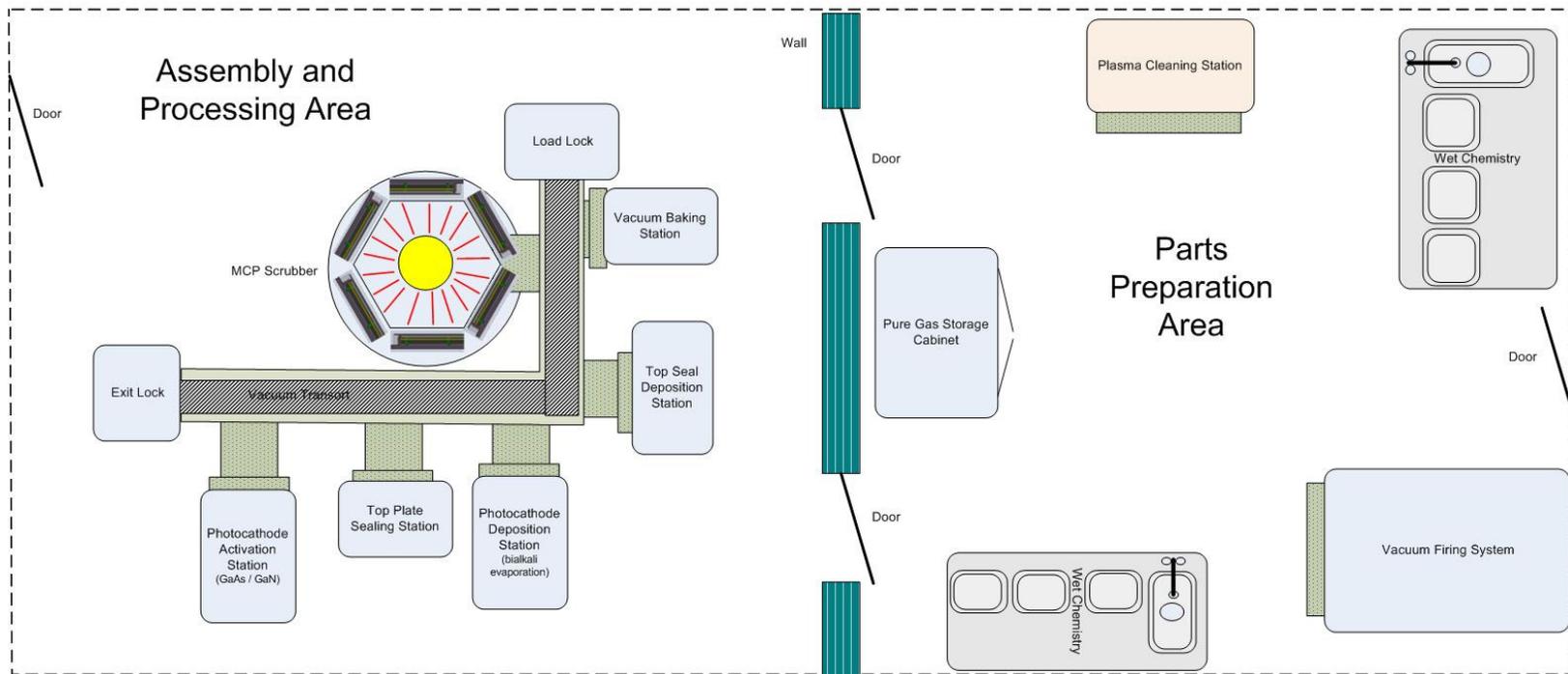
- Construction of a full sized photo-detector tube.

Lab Layout #1



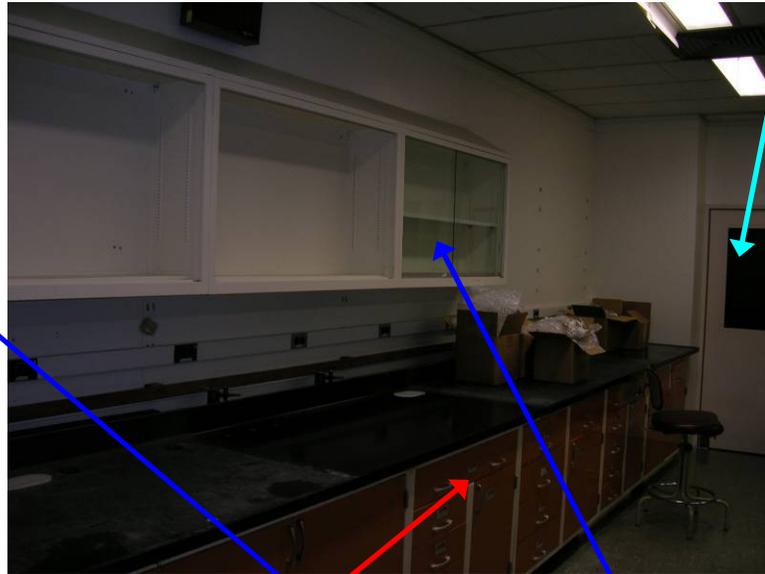
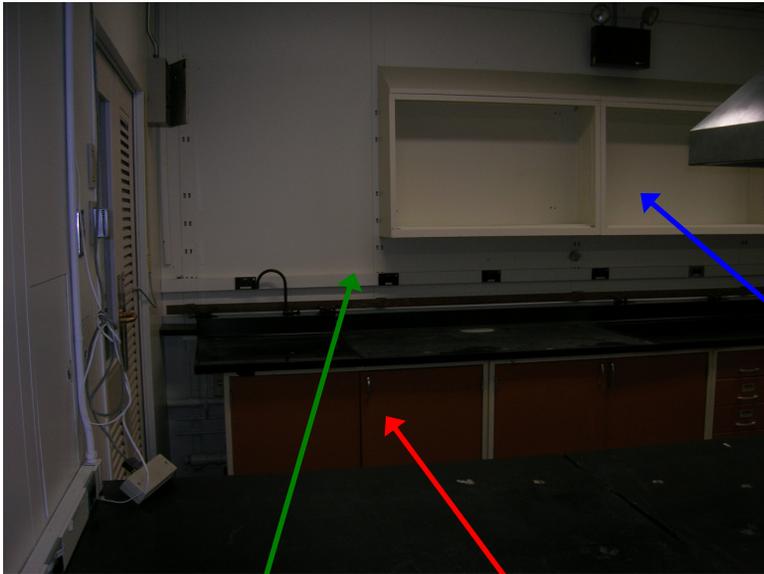
Next

Lab Layout #2



Planning for the Construction Facility Bld. 360; Rooms A-244, A-248, and C-248

Access Door on South Wall



Electrical strip to be updated

Removal counter cabinets to make room for process systems

Wall mounted cabinets to remain.

Draft Task List and Proposed Schedule

